

MARCELO JIMENEZ

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EDUCATION

The University of Texas at Austin Bachelor of Science Petroleum Engineering May 2021
GPA: 3.40/4.00

UT Data Analytics Certificate Data Analytics and Machine Learning Certified Sept 2021

EXPERIENCE

Petroleum and Geosystem Engineering Design –School of Engineering UT – Technical Team; Austin-Texas, March 2021

- Salt Dome in the Frio Formation- Gulf of Mexico Project
 - Volumetric estimations and evaluations of new potential opportunities. Evaluating petrophysical parameters such as net to gross, porosity and water saturation. The Green's Theorem was used to find the area within the contours of isopach map and a Material Balance equation was developed for this specific project. Based on all information available a code in Python was created successfully to estimate the OOIP.

College of Natural Science IT Department – Full-time Help Desk Representative; Austin, Texas Fall 2019 – Present

- Quickly learned to debug and image over 500 Dell and Apple computers for faculty, staff, and researchers.
- Provided high-quality customer service and support with network, hardware, active directory, and peripheral issues.
- Organized and addressed over 60 tickets simultaneously per week.
- Managed student workers to increase efficiency of the team.

Westside Tennis & Fitness Club – Concessions Staff Team Leader; Houston, Texas Summer 2019 – Fall 2019

- Managed concessions team effectively under the pressure of serving 100 people a day.
- Delegated responsibilities within the concessions area.

Tennis Racquet Stringing Service – Founder; Houston, Texas Fall 2015 – Spring 2017

- Personally committed to self-improvement by developing business initiative.
- Founded a small tennis business that offered racquet stringing services; budgeted and publicize on a weekly basis.

LEADERSHIP EXPERIENCE AND ACTIVITIES

UT Data Analytics Certificate Program – Full time Student Spring 2021

- Learned Python and R from scratch and uploaded projects on github <https://github.com/Mar-Jim/Data-Analytics-UT>
- Apply Python, R, AWS, Supervised Machine Learning, and more to data analytics and data science problems.
- Translate business objectives into data mining opportunities and implement predictive analytics.

Society of Hispanic Professional Engineers – Ad hoc Treasurer Fall 2019

- Directed budget of over 150 events for the organization.
- Systematized a budget for the current academic year reflecting the 5 Pillars of the organization.
- Actively contributed to continuous improvement of organizational culture.

Society of Petroleum Engineers – Active Member Fall 2018 – Spring 2021

- Networked with professionals to learn of the petroleum engineering workplace culture.
- Highly interested in the new technologies they showcase every month.

UT Austin Tennis Club – Active Member Fall 2017 – Spring 2021

- Used my 10+ years of experience to coach teammates and compete in intercollegiate tournaments.
- Active USTA member, Junior player since 2013.

LeaderShape Camp – Graduate; Austin, Texas Fall 2019

- Strengthened my leadership skills in a week-long camp designed to develop engineers for officer positions.
- Further developed communication and interpersonal skills, connecting with people of different backgrounds

TECHNICAL SKILLS

Petrophysics: Worked with conventional logs, open hole, and pursue to know more about new technologies.

Drilling & Production: Understand the well construction process and know the role of different field operations.

Geo-statistics: Integration and analysis of geologic and reservoir data. Experience with modelling and simulation.

Reservoir Engineering: Understand the analysis, geological integration, OOIP and reserves estimation.

ADDITIONAL INFORMATION

Nationality: Peruvian

Computer Skills: Advanced level Microsoft Office, Python, R. Basic knowledge of C++, AWS, and SQL.

Petroleum Software: Experience on PVTsim, Drillinginfo (Enverus), PHDwin (Decline curve forecast).

Special Skills: Leadership and quick at learning technical software like Schlumberger package.

Languages: Bilingual Proficiency in English and Spanish

Work Eligibility: Eligible to work in the US with no restriction (permanent resident).